

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051790.D
 Acq On : 23 Dec 2021 18:25
 Operator : CG/JU
 Sample : M5215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLD7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 24 00:12:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	38632m	20.000	ng/ul	0.04
20) Naphthalene-d8	11.155	136	121018	20.000	ng/ul	# 0.03
38) Acenaphthene-d10	14.914	164	74694	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.669	188	147552	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	142969	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	150743	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	1709	1.837	ng/uL	0.00
4) Pyridine-d5	4.029	84	26501m	9.429	ng/ul	-0.02
7) Phenol-d5	7.436	99	58292m	16.899	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.659	67	305068m	148.774	ng/ul	0.07
11) 2-Chlorophenol-d4	7.836	132	43759	18.241	ng/ul	0.02
15) 4-Methylphenol-d8	9.028	113	412291m	154.633	ng/ul	0.05
21) Nitrobenzene-d5	9.469	128	81901	92.308	ng/ul	0.01
24) 2-Nitrophenol-d4	10.215	143	24547	25.308	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.755	165	43493	20.678	ng/ul	0.02
31) 4-Chloroaniline-d4	11.260	131	240751	86.936	ng/ul	0.02
46) Dimethylphthalate-d6	14.303	166	138227	23.121	ng/ul	-0.01
49) Acenaphthylene-d8	14.615	160	178269	24.009	ng/ul	0.00
54) 4-Nitrophenol-d4	15.079	143	18677	19.211	ng/ul	0.00
60) Fluorene-d10	15.907	176	121450	22.674	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.007	200	16368	21.291	ng/ul	0.00
73) Anthracene-d10	17.769	188	187565	26.648	ng/ul	0.00
81) Pyrene-d10	20.043	212	210374	24.449	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.230	264	204097	25.732	ng/ul	-0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.250	107	96421	38.600	ng/ul#	32
30) Naphthalene	11.237	128	8135103	1247.738	ng/ul#	61
36) 2-Methylnaphthalene	12.823	142	8151344	1752.451	ng/ul	90
37) 1-Methylnaphthalene	13.023	142	3462069	716.841	ng/ul#	99
43) 1,1'-Biphenyl	13.757	154	962854	168.284	ng/ul	97
50) Acenaphthylene	14.644	152	17661	2.431	ng/ul#	28
52) Acenaphthene	14.979	153	270244	56.310	ng/ul	96
56) Dibenzofuran	15.314	168	194721	27.550	ng/ul	97
59) Diethylphthalate	15.707	149	6728	1.113	ng/ul#	14
61) Fluorene	15.960	166	56024	9.620	ng/ul#	82
72) Phenanthrene	17.710	178	49311	6.497	ng/ul#	61
78) Di-n-butylphthalate	18.609	149	16322	1.975	ng/ul#	34
83) Butylbenzylphthalate	20.935	149	30576	9.328	ng/ul#	79
86) Bis(2-ethylhexyl)phtha...	21.840	149	163855	35.686	ng/ul#	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

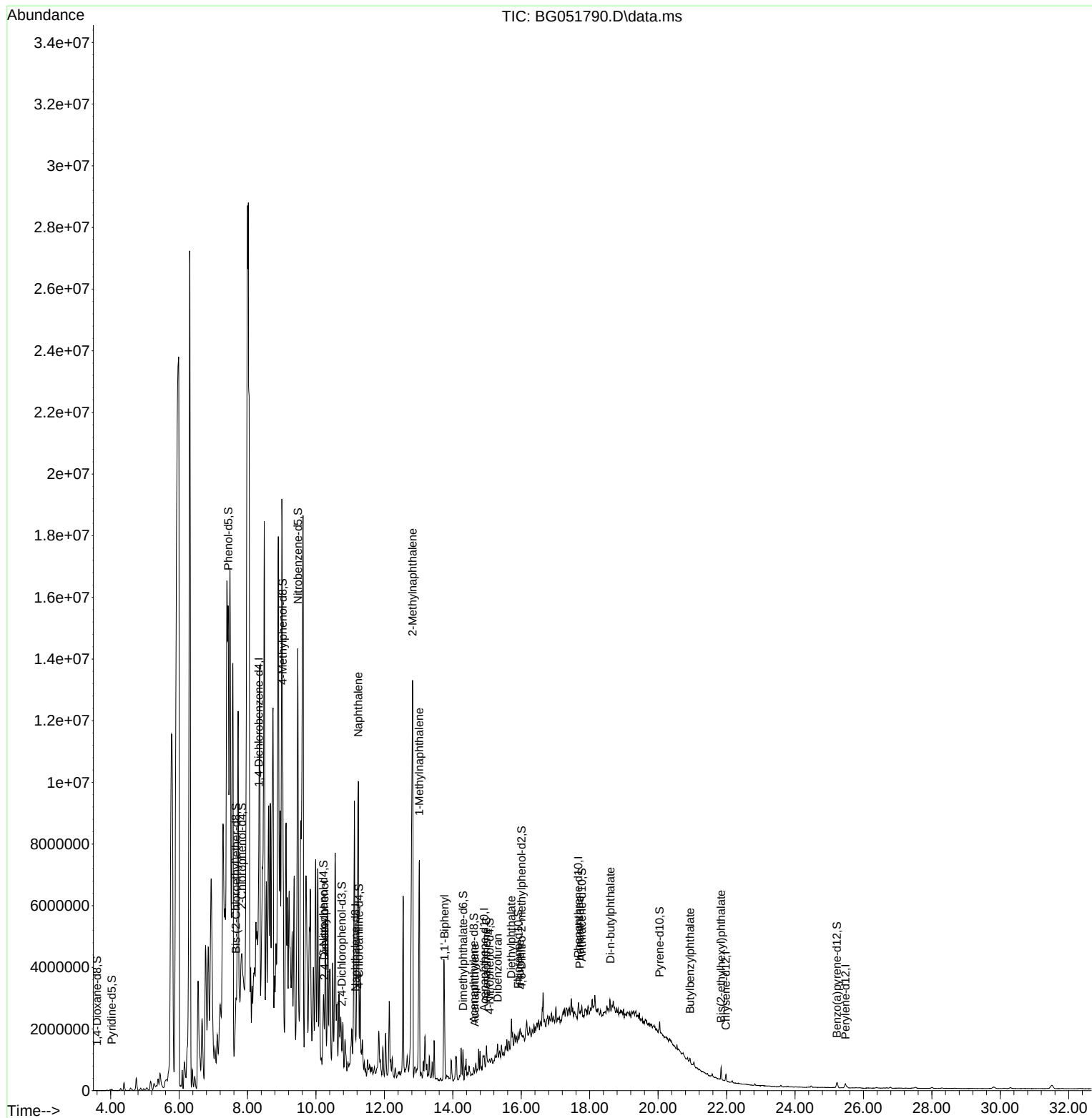
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051790.D
 Acq On : 23 Dec 2021 18:25
 Operator : CG/JU
 Sample : M5215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

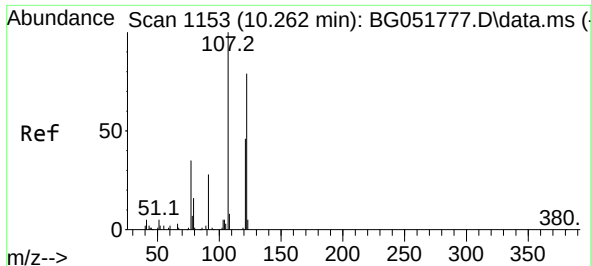
Instrument :
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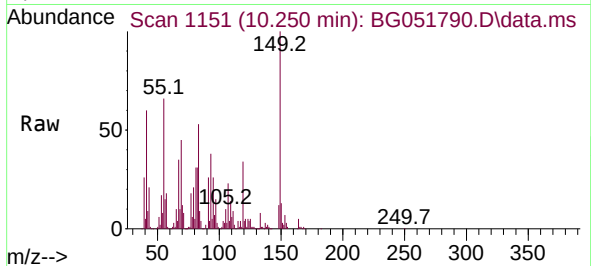
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 Quant Title : SVOA CALIBRATION
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#26
2,4-Dimethylphenol
Concen: 38.600 ng/ul
RT: 10.250 min Scan# 1153
Delta R.T. -0.016 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

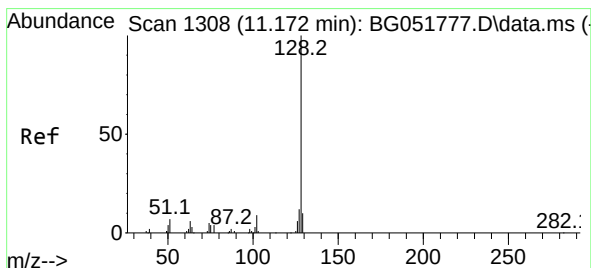
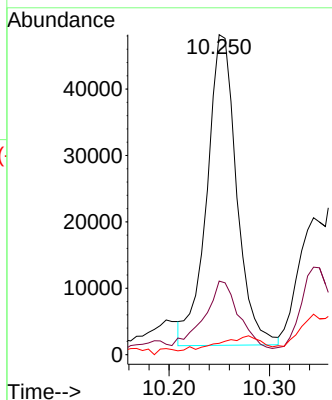
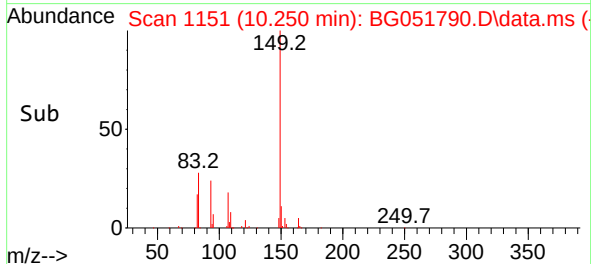
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:107 Resp: 9642
Ion Ratio Lower Upper
107 100
121 23.0 39.3 58.9#
122 3.5 63.7 95.5#

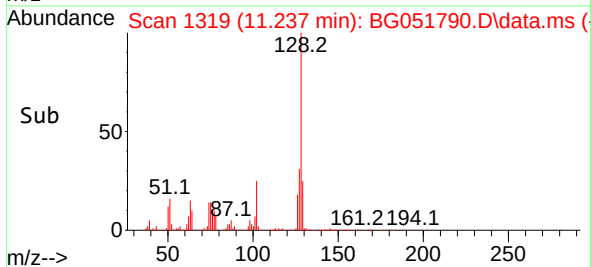
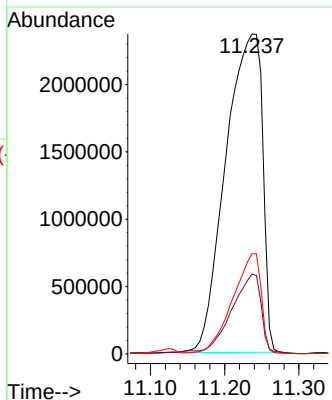
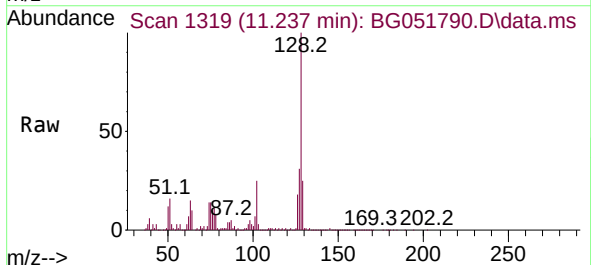
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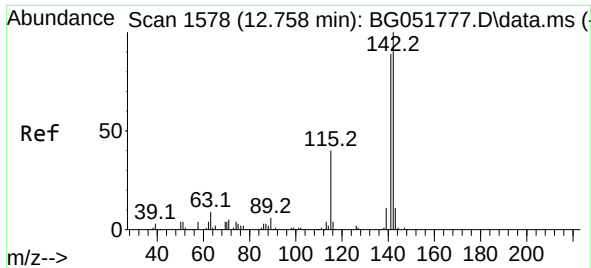
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#30
Naphthalene
Concen: 1247.738 ng/ul
RT: 11.237 min Scan# 1319
Delta R.T. 0.060 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

Tgt Ion:128 Resp: 8135103
Ion Ratio Lower Upper
128 100
129 24.9 8.5 12.7#
127 31.3 11.8 17.6#





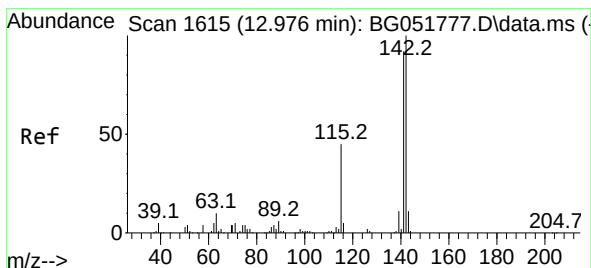
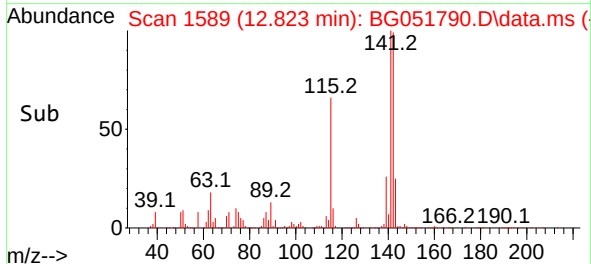
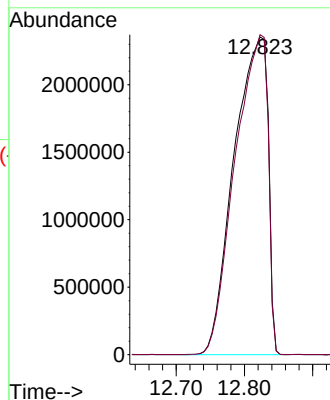
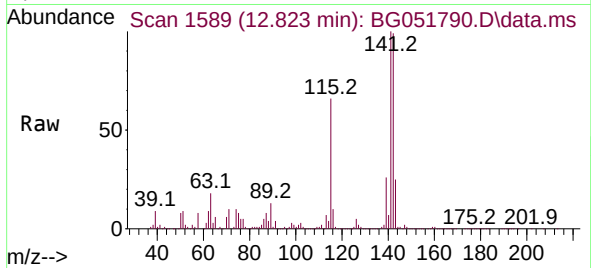
#36
2-Methylnaphthalene
Concen: 1752.451 ng/ul
RT: 12.823 min Scan# 11
Delta R.T. 0.054 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:142 Resp: 815134
Ion Ratio Lower Upper
142 100
141 100.7 73.3 109.9

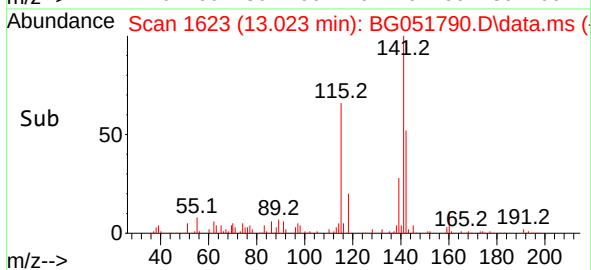
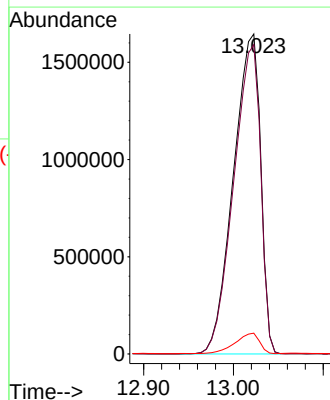
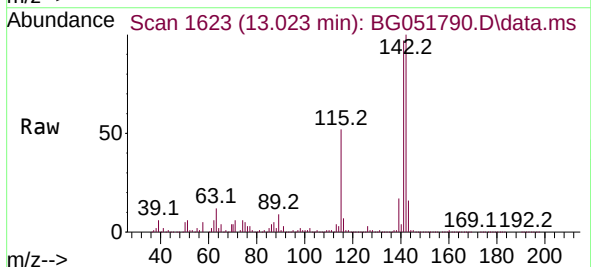
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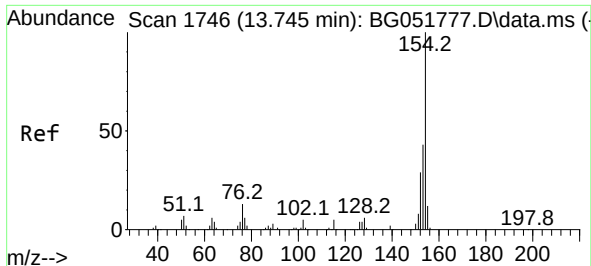
Reviewed By :Jagrut Upadhyay 12/27/2021
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#37
1-Methylnaphthalene
Concen: 716.841 ng/ul
RT: 13.023 min Scan# 1623
Delta R.T. 0.036 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

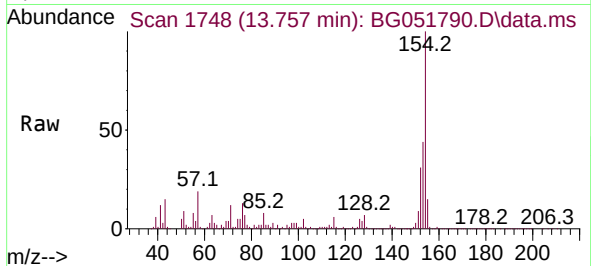
Tgt Ion:142 Resp: 3462069
Ion Ratio Lower Upper
142 100
141 96.7 77.8 116.8
116 6.5 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 168.284 ng/ul
RT: 13.757 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

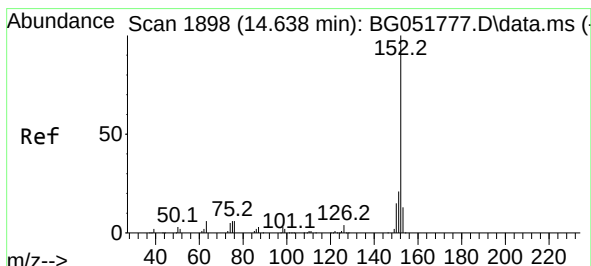
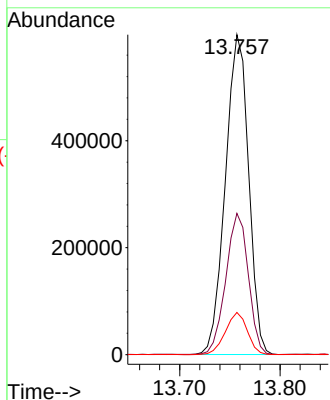
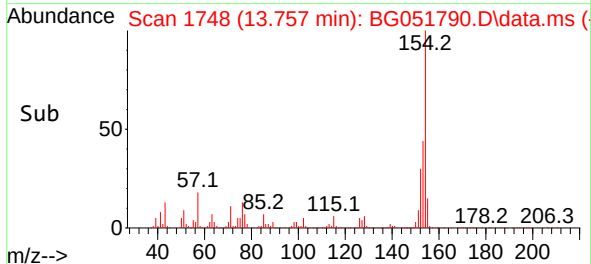
Instrument :
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ClientSampleId :
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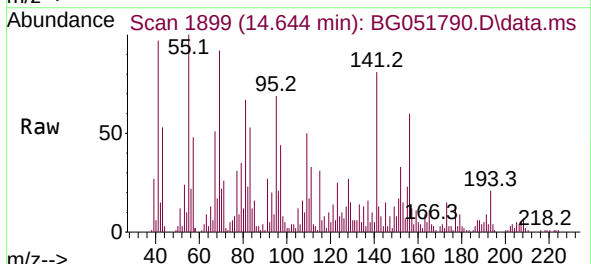
Tgt Ion:154 Resp: 962854
Ion Ratio Lower Upper
154 100
153 44.2 34.5 51.7
76 13.2 13.1 19.7

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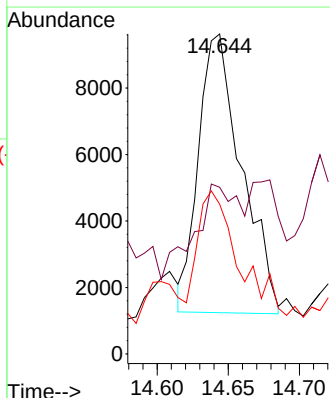
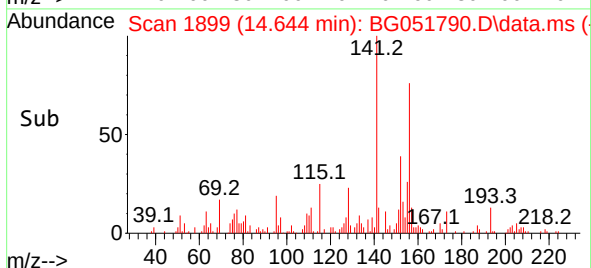
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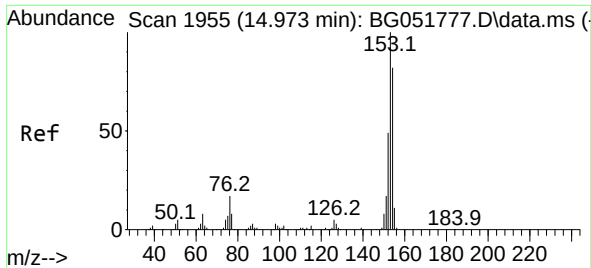


#50
Acenaphthylene
Concen: 2.431 ng/ul
RT: 14.644 min Scan# 1899
Delta R.T. 0.001 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25



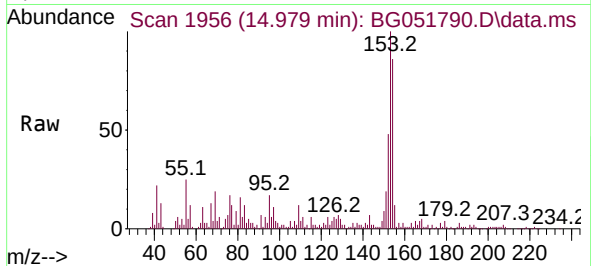
Tgt Ion:152 Resp: 17661
Ion Ratio Lower Upper
152 100
151 52.1 17.4 26.0#
153 46.8 10.3 15.5#





#52
Acenaphthene
Concen: 56.310 ng/u1
RT: 14.979 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

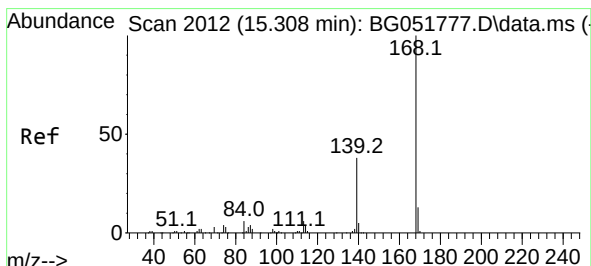
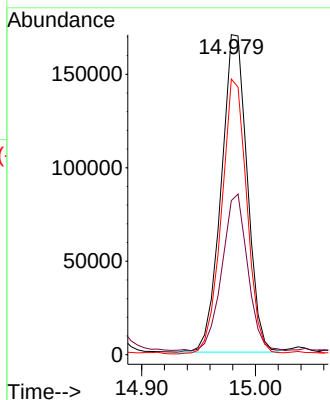
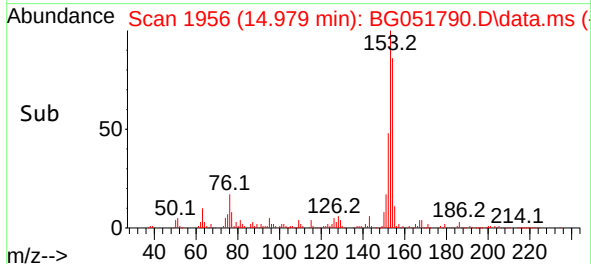
Instrument :
BNA_G
ClientSampleId :
BGLD7



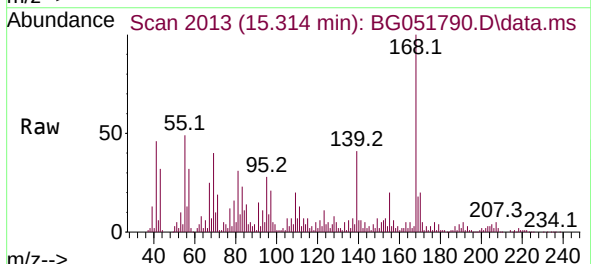
Tgt Ion:153 Resp: 270244
Ion Ratio Lower Upper
153 100
152 48.2 36.5 54.7
154 86.1 65.8 98.6

Manual Integrations
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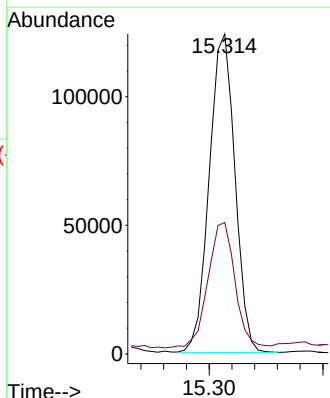
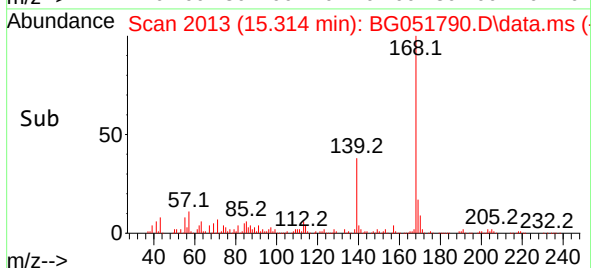
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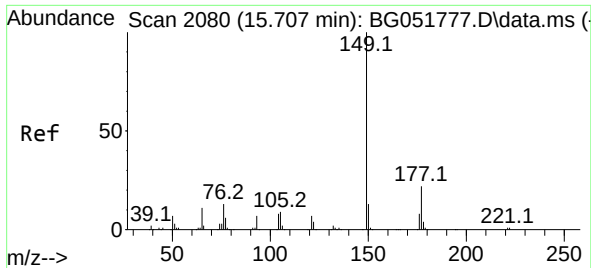


#56
Dibenzofuran
Concen: 27.550 ng/u1
RT: 15.314 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25



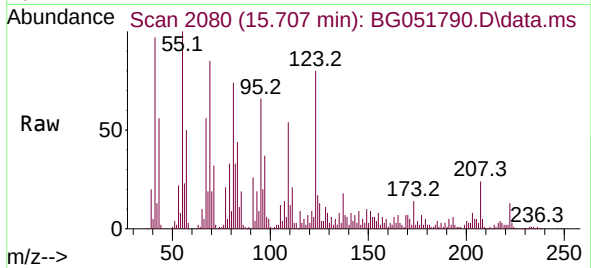
Tgt Ion:168 Resp: 194721
Ion Ratio Lower Upper
168 100
139 41.1 31.2 46.8





#59
Diethylphthalate
Concen: 1.113 ng/ul
RT: 15.707 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

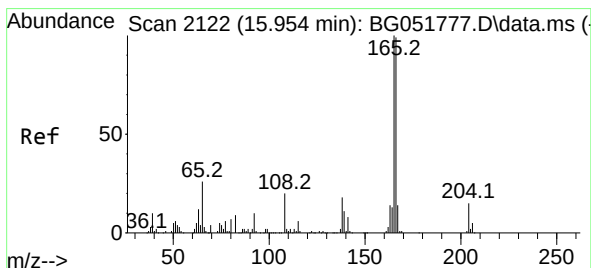
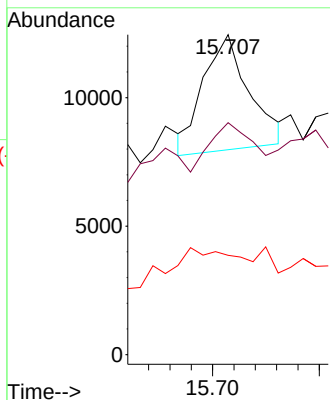
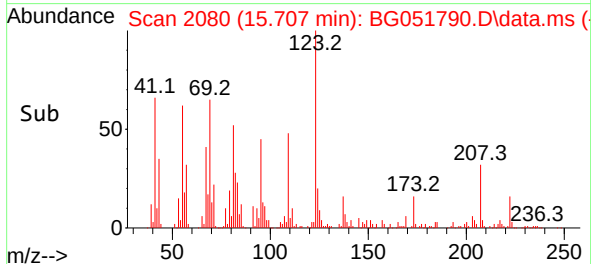
Instrument :
BNA_G
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BGLD7



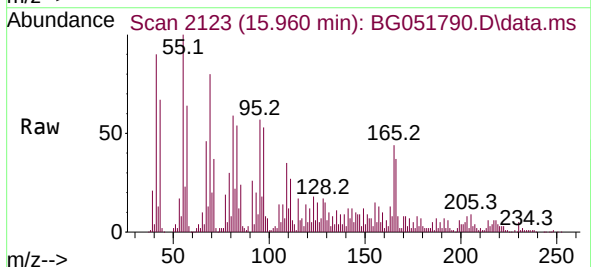
Tgt Ion:149 Resp: 6728
Ion Ratio Lower Upper
149 100
177 72.5 16.8 25.2
150 31.1 10.1 15.1

Manual Integrations
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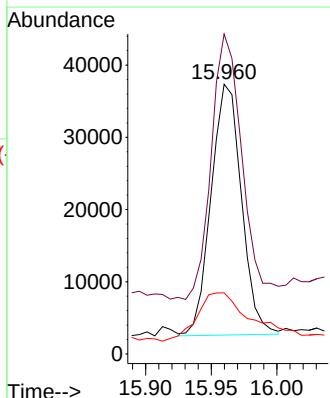
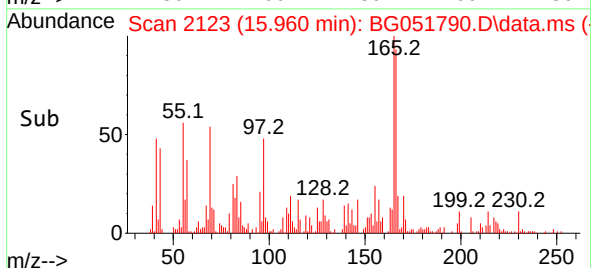
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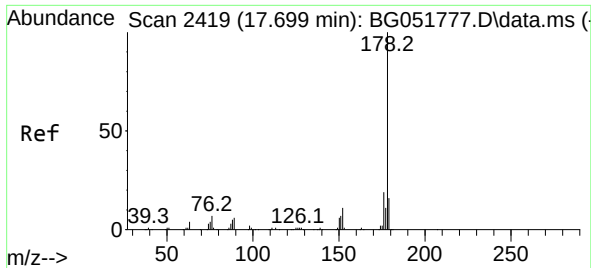


#61
Fluorene
Concen: 9.620 ng/ul
RT: 15.960 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25



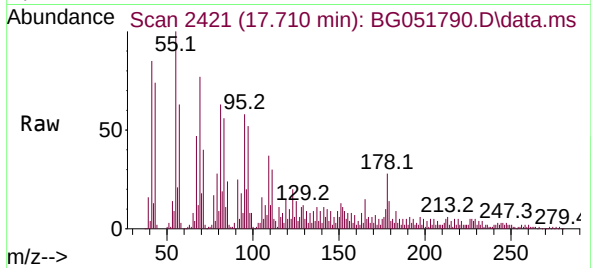
Tgt Ion:166 Resp: 56024
Ion Ratio Lower Upper
166 100
165 118.6 81.0 121.6
167 22.7 11.0 16.4





#72
Phenanthrene
Concen: 6.497 ng/ul
RT: 17.710 min Scan# 2419
Delta R.T. 0.001 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

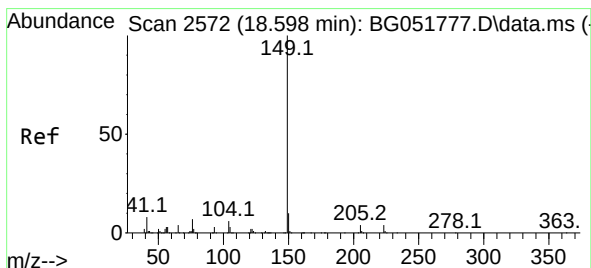
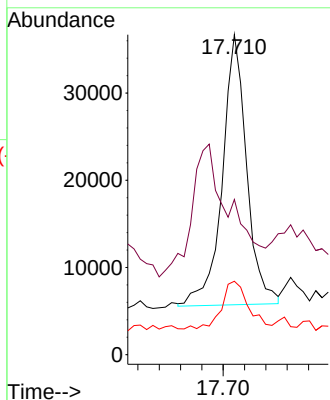
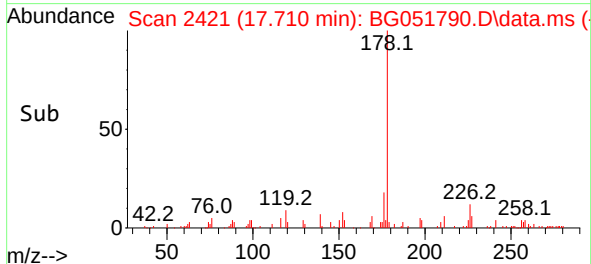
Instrument :
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Tgt Ion:178 Resp: 4931
Ion Ratio Lower Upper
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179 48.5 12.3 18.5
176 22.9 15.5 23.3

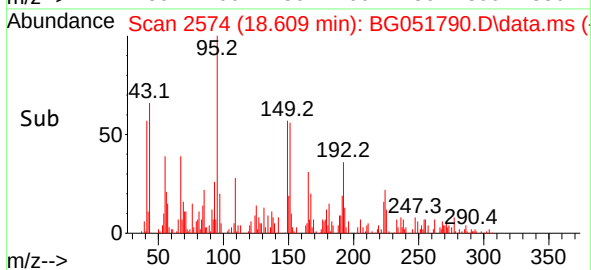
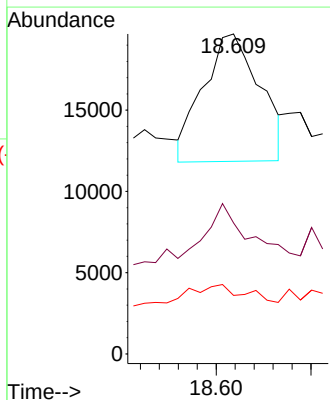
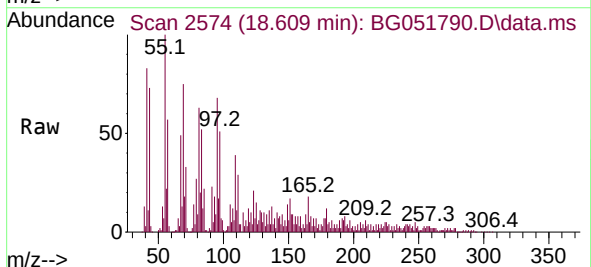
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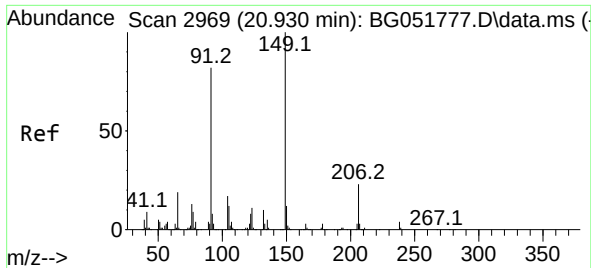
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#78
Di-n-butylphthalate
Concen: 1.975 ng/ul
RT: 18.609 min Scan# 2574
Delta R.T. -0.005 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

Tgt Ion:149 Resp: 16322
Ion Ratio Lower Upper
149 100
150 40.9 7.5 11.3#
104 18.3 5.0 7.6#





#83
Butylbenzylphthalate
Concen: 9.328 ng/ul
RT: 20.935 min Scan# 2969
Delta R.T. -0.011 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

Instrument :

BNA_G

ClientSampleId :

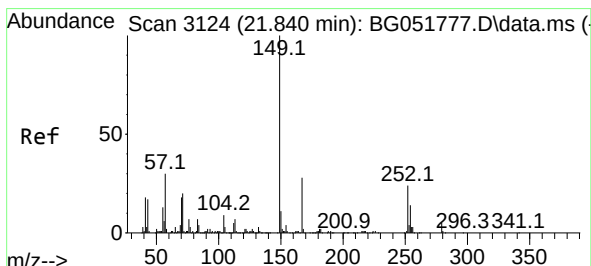
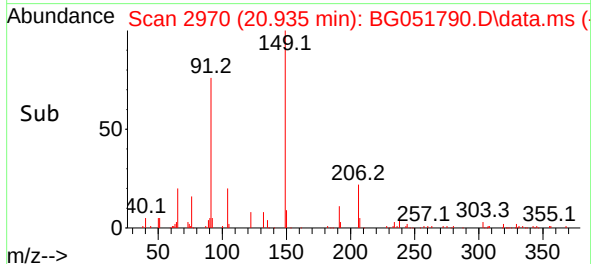
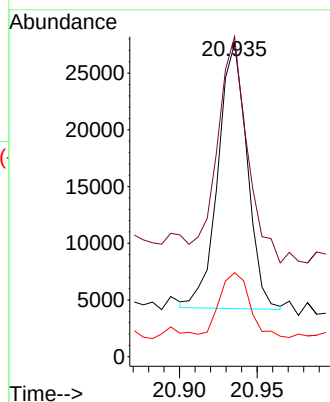
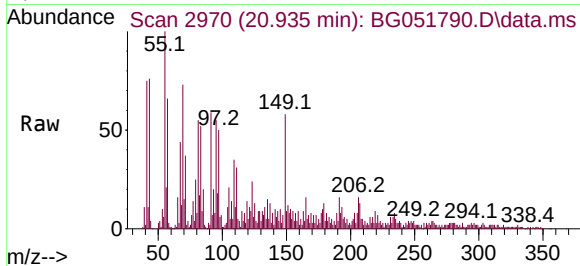
BGLD7

Tgt Ion:149 Resp: 30570
Ion Ratio Lower Upper
149 100
91 102.2 65.2 97.8
206 26.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 35.686 ng/ul
RT: 21.840 min Scan# 3124
Delta R.T. -0.028 min
Lab File: BG051790.D
Acq: 23 Dec 2021 18:25

Tgt Ion:149 Resp: 163855
Ion Ratio Lower Upper
149 100
167 24.9 21.1 31.7
279 4.9 2.7 4.1#

